

05/10/07

10



OIPE

RAW SEQUENCE LISTING

DATE: 10/07/2002

PATENT APPLICATION: US/10/053,520

TIME: 11:46:22

Input Set : A:\46004seq.txt

Output Set: N:\CRF4\10072002\J053520.raw

3 <110> APPLICANT: Sloan-Kettering Institute for Cancer Research
4 Rothman, James E.
5 Mayhew, Mark
6 Hoe, Mee H.
7 Houghton, Alan
8 Hartl, Ulrich
9 Ouerfelli, Ouathak
10 Moroi, Yoichi
12 <120> TITLE OF INVENTION: CONJUGATE HEAT SHOCK PROTEIN-BINDING PEPTIDES
14 <130> FILE REFERENCE: 11746/46004
16 <140> CURRENT APPLICATION NUMBER: 10/053,520
C--> 17 <141> CURRENT FILING DATE: 2002-10-01
18 <150> PRIOR APPLICATION NUMBER: 08/961,707
19 <151> PRIOR FILING DATE: 1997-10-31
22 <160> NUMBER OF SEQ ID NOS: 321
24 <170> SOFTWARE: WordPerfect 8.0 for Windows
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 8
28 <212> TYPE: PRT
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: peptide in m13 coliphage
34 <400> SEQUENCE: 1
36 His Thr Thr Val Tyr Gly Ala Gly
37 1 5
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 8
41 <212> TYPE: PRT
42 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
45 <223> OTHER INFORMATION: peptide in m13 coliphage
47 <400> SEQUENCE: 2
49 Thr Glu Thr Pro Tyr Pro Thr Gly
50 1 5
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 8
54 <212> TYPE: PRT
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: peptide in m13 coliphage
60 <400> SEQUENCE: 3
62 Leu Thr Thr Pro Phe Ser Ser Gly
63 1 5

p.6

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/053,520

DATE: 10/07/2002
TIME: 11:46:22

Input Set : A:\46004seq.txt
Output Set: N:\CRF4\10072002\J053520.raw

65 <210> SEQ ID NO: 4
66 <211> LENGTH: 8
67 <212> TYPE: PRT
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: peptide in m13 coliphage
73 <400> SEQUENCE: 4
75 Gly Val Pro Leu Thr Met Asp Gly
76 1 5
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 8
80 <212> TYPE: PRT
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: peptide in m13 coliphage
86 <400> SEQUENCE: 5
88 Lys Leu Pro Thr Val Leu Arg Gly
89 1 5
91 <210> SEQ ID NO: 6
92 <211> LENGTH: 8
93 <212> TYPE: PRT
94 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: peptide in m13 coliphage
99 <400> SEQUENCE: 6
101 Cys Arg Phe His Gly Asn Arg Gly
102 1 5
104 <210> SEQ ID NO: 7
105 <211> LENGTH: 8
106 <212> TYPE: PRT
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: peptide in m13 coliphage
112 <400> SEQUENCE: 7
114 Tyr Thr Arg Asp Phe Glu Ala Gly
115 1 5
117 <210> SEQ ID NO: 8
118 <211> LENGTH: 8
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: peptide in m13 coliphage
125 <400> SEQUENCE: 8
127 Ser Ser Ala Ala Gly Pro Arg Gly
128 1 5
130 <210> SEQ ID NO: 9
131 <211> LENGTH: 8
132 <212> TYPE: PRT
133 <213> ORGANISM: Artificial Sequence

Input Set : A:\46004seq.txt
Output Set: N:\CRF4\10072002\J053520.raw

135 <220> FEATURE:
136 <223> OTHER INFORMATION: peptide in m13 coliphage
138 <400> SEQUENCE: 9
140 Ser Leu Ile Gln Tyr Ser Arg Gly
141 1 5
143 <210> SEQ ID NO: 10
144 <211> LENGTH: 8
145 <212> TYPE: PRT
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: peptide in m13 coliphage
151 <220> FEATURE:
152 <221> NAME/KEY: MISC_FEATURE
153 <222> LOCATION: (7)..(7)
154 <223> OTHER INFORMATION: unknown
156 <400> SEQUENCE: 10
OK-> 158 Asp Ala Leu Met Trp Pro Xaa Gly
159 1 5
161 <210> SEQ ID NO: 11
162 <211> LENGTH: 8
163 <212> TYPE: PRT
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: peptide in m13 coliphage
169 <220> FEATURE:
170 <221> NAME/KEY: MISC_FEATURE
171 <222> LOCATION: (3)..(3)
172 <223> OTHER INFORMATION: unknown
174 <400> SEQUENCE: 11
OK-> 176 Ser Ser Xaa Ser Leu Tyr Ile Gly
177 1 5
179 <210> SEQ ID NO: 12
180 <211> LENGTH: 8
181 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: peptide in m13 coliphage
187 <400> SEQUENCE: 12
189 Phe Asn Thr Ser Thr Arg Thr Gly
190 1 5
192 <210> SEQ ID NO: 13
193 <211> LENGTH: 8
194 <212> TYPE: PRT
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: peptide in m13 coliphage
200 <400> SEQUENCE: 13
202 Thr Val Gln His Val Ala Phe Gly
203 1 5

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/053,520

DATE: 10/07/2002
TIME: 11:46:22

Input Set : A:\46004seq.txt
Output Set: N:\CRF4\10072002\J053520.raw

```
205 <210> SEQ ID NO: 14
206 <211> LENGTH: 8
207 <212> TYPE: PRT
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: peptide in m13 coliphage
213 <400> SEQUENCE: 14
215   Asp Tyr Ser Phe Pro Pro Leu Gly
216     1                               5
218 <210> SEQ ID NO: 15
219 <211> LENGTH: 8
220 <212> TYPE: PRT
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: peptide in m13 coliphage
226 <400> SEQUENCE: 15
228   Val Gly Ser Met Glu Ser Leu Gly
229     1                               5
231 <210> SEQ ID NO: 16
232 <211> LENGTH: 8
233 <212> TYPE: PRT
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: peptide in m13 coliphage
239 <220> FEATURE:
240 <221> NAME/KEY: MISC_FEATURE
241 <222> LOCATION: (2)..(2)
242 <223> OTHER INFORMATION: unknown
244 <220> FEATURE:
245 <221> NAME/KEY: MISC_FEATURE
246 <222> LOCATION: (6)..(6)
247 <223> OTHER INFORMATION: unknown
249 <400> SEQUENCE: 16
W--> 251   Phe Xaa Pro Met Ile Xaa Ser Gly
252     1                               5
254 <210> SEQ ID NO: 17
255 <211> LENGTH: 8
256 <212> TYPE: PRT
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: peptide in m13 coliphage
262 <400> SEQUENCE: 17
264   Ala Pro Pro Arg Val Thr Met Gly
265     1                               5
267 <210> SEQ ID NO: 18
268 <211> LENGTH: 8
269 <212> TYPE: PRT
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
```

Input Set : A:\46004seq.txt
Output Set: N:\CRF4\10072002\J053520.raw

273 <223> OTHER INFORMATION: peptide in m13 coliphage
275 <400> SEQUENCE: 18
277 Ile Ala Thr Lys Thr Pro Lys Gly
278 1 5
280 <210> SEQ ID NO: 19
281 <211> LENGTH: 8
282 <212> TYPE: PRT
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: peptide in m13 coliphage
288 <400> SEQUENCE: 19
290 Lys Pro Pro Leu Phe Gln Ile Gly
291 1 5
293 <210> SEQ ID NO: 20
294 <211> LENGTH: 8
295 <212> TYPE: PRT
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: peptide in m13 coliphage
301 <400> SEQUENCE: 20
303 Tyr His Thr Ala His Asn Met Gly
304 1 5
306 <210> SEQ ID NO: 21
307 <211> LENGTH: 8
308 <212> TYPE: PRT
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: peptide in m13 coliphage
314 <400> SEQUENCE: 21
316 Ser Tyr Ile Gln Ala Thr His Gly
317 1 5
319 <210> SEQ ID NO: 22
320 <211> LENGTH: 8
321 <212> TYPE: PRT
322 <213> ORGANISM: Artificial Sequence
324 <220> FEATURE:
325 <223> OTHER INFORMATION: peptide in m13 coliphage
327 <400> SEQUENCE: 22
329 Ser Ser Phe Ala Thr Phe Leu Gly
330 1 5
332 <210> SEQ ID NO: 23
333 <211> LENGTH: 8
334 <212> TYPE: PRT
335 <213> ORGANISM: Artificial Sequence
337 <220> FEATURE:
338 <223> OTHER INFORMATION: peptide in m13 coliphage
340 <400> SEQUENCE: 23
342 Thr Thr Pro Pro Asn Phe Ala Gly
343 1 5

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/053,520

DATE: 10/07/2002
TIME: 11:46:23

Input Set : A:\46004seq.txt
Output Set: N:\CRF4\10072002\J053520.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:10; Xaa Pos. 7
Seq#:11; Xaa Pos. 3
Seq#:16; Xaa Pos. 2,6
Seq#:47; N Pos. 19
Seq#:48; N Pos. 8
Seq#:53; N Pos. 6,16,18
Seq#:100; Xaa Pos. 5
Seq#:133; N Pos. 14
Seq#:251; Xaa Pos. 7
Seq#:252; Xaa Pos. 3
Seq#:257; Xaa Pos. 2,6
Seq#:304; Xaa Pos. 5